

## PROJECT TITLE

[PROJECT TITLE]

Insert Location Map Below:



**Project EA:** 2159C0 PPNO:2808A

**Project Location:** In Santa Fe Springs and Norwalk from 0.2 KM North of Alondra Boulevard overcrossing to Shoemaker Avenue.

**Co/Rte/KP/PM:** LA/5/0.0-10.2/0.0/0.0-6.39

**Project Description:** Carmenita Interchange Improvement

**Project Scope:** The Project proposes the removal of the existing two lanes steel structure and constructing a new eight lanes concrete structure, with tight diamond ramps, and improve existing frontage roads

**Existing Funding:**

IIP: \$	.75 Million
RIP: \$	44.128 Million
Other: \$	11.36 Million

**Future Funding Need:** \$ 162.847 Million

**Total Estimated Cost:** \$ 219.085 Million

**Project Schedule:** RTL at 7/25/2007

## PROJECT INFORMATION

### Background:

The existing Carmenita overcrossing structure consists of one lane in each direction which will be inadequate to accommodate near future traffic demands. Existing hook ramps are short and lack adequate storage capacity. At grade railroad crossing, causes southbound off ramp traffic to back up onto freeway during AM and PM peak hours. A new facility is needed to accommodate the projected future traffic demands, the widening of the Interstate 5 freeway, and the rail road crossing grade separation.

### Project Need:

The I-5 freeway current capacity is not adequate to carry existing traffic volumes. That results in traffic congestion, and traffic delays. South of the Orange County Line, the I-5 freeway cross section has been widened to 10 lanes, and so the lane drop at the County line is causing major bottle neck and traffic congestion. Additional lane capacity is expected to relief congestion, and eliminates the bottle neck at the county line.

The Project proposes the removal of the existing two lanes steel structure and constructing a new eight lanes concrete structure, with tight diamond ramps. And improve existing frontage roads

### Project Purpose:

The I-5 Carmenita Interchange Improvement is

intended to improve mobility in the corridor by substantially increasing capacity and improving safety. Some of the immediate benefits are:

1. Improve on and off ramp traffic movements.
2. Improve overall interchange traffic circulation.
3. Reduce congestion and improve safety
4. Accommodate new I-5 freeway cross section

## **PROJECT BENEFITS BASED ON THEME CRITERIA**

### **Reduce Congestion**

- ☒ Transportation Congestion Relief Program Project.
- ☒ Accelerated TCRP Project
- ☒ Congestion Mgmt Program Project

### **Livable Communities**

#### **The Region where the project is located:**

- ☒ Enforces TDM and Trip Reduction.
- ☒ Expands Transit Service (specifically along congested State Route Corridors).
- ☐ Integrates CM Programs into project selection for their RTIP.
- ☐ Practices zoning for high-density housing, Commercial/Office Development adjacent to transit facilities.
- ☒ Develops local transportation systems that reduce local trips on the highway system
- ☐ Interrelates planning processes involving General/Habitat Conservation/Trans/Env etc. Plans
- ☒ Gets early involvement with environmental and regulatory agencies
- ☒ Effects planning practices with other agencies over jurisdictional boundaries

### **Improve Goods Movement Within Gateways**

- ☐ Improves geometrics to accommodate STAA Trucks
- ☒ Adds capacity for 5 axle trucks
- ☒ Connectivity to Intermodal Transfer Facility
- ☐ Grade Separations
- ☐ Truck Climbing Lane

## **PROJECT BENEFITS BASED ON THEME CRITERIA**

### **Rural Partnerships**

- ☒ Pooled funding from adjacent counties
- ☐ Bypass Project
- ☐ Passing Lane/Truck Climbing Lane
- ☐ ITSP Project
- ☐ Recreational/Tourism Access route

### **ITSP Focus Routes**

- ☐ Project completes key segment or corridor
- ☐ Project completes key segment of Trunk System (Focus Route)
- ☐ Project completes linkage to Trunk System

### **Innovative Finance**

- ☐ Project is funded through TIFIA
- ☐ Project utilizes GARVEE Bonds
- ☒ Public/Private Partnership Funding
- ☒ Local Government funding

### **Other benefits to Theme Criteria**

Additional benefits applicable to Theme Criteria not listed above:  
Complete Gap Closure of HOV lane on Route 5 from Orange County.